

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	91	splitter with two near \$diodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/27 14:09
L13	15	12 same \$diode with splitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/27 14:12
S1	13	((KOJI) near2 (KIKUSHIMA)).INV.	US-PGPUB; USPAT	OR	ON	2009/02/26 12:50
S2	61	((KOJI) near2 (KIKUSHIMA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/02/26 12:51
S3	83	((SATOSHI) near2 (IKEDA)).INV.	US-PGPUB; USPAT	OR	ON	2009/02/26 12:51
S4	393	((SATOSHI) near2 (IKEDA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/02/26 12:51
S5	1136	398/182,183,187.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:09
S6	361	398/192,194.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:09
S7	370525	splitter or coupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:10
S8	6762045	photoelectric or (optical to electric) or (O/E)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:10
S9	731043	interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:10
S10	61161	S7 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:10
S11	225	S10 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:11

S12	77	S10 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:11
S13	16677	(remove or cancel) with interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:22
S14	1360	S7 and S8 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:23
S15	23181	optical near transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:23
S16	165	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:23
S17	1919046	filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:23
S18	16684	phase near adjust	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:24
S19	38993	phase near adjust\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:24
S20	49107	phase near adjust\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:24
S21	98	moduation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:24
S22	510425	modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:25
S23	150	S16 and S17 and S20 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 14:25
S24	8	("5424863"   "5532857"   "5880870"   "5892608"   "6008919"   "6057951"   "6097525"   "6163395"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 15:12

S25	0	"09494083".ap.	US-PGPUB; USPAT	OR	ON	2009/02/27 12:26
S26	0	"INCREASED CAPACITY BIDIRECTIONAL DWDM NETWORK ARCHITECTURE WITH FREQUENCY STACKING SYSTEM "	US-PGPUB; USPAT	OR	ON	2009/02/27 12:29
S27	86661	(FM or (frequency adj modulation))	US-PGPUB; USPAT	OR	ON	2009/02/27 12:32
S28	32885	optical near (splitter or coupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:33
S29	1387	S27 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:33
S30	928	S29 and modulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:33
S31	565	S30 and interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:33
S32	271547	photoelectric or photodiode or (optical adj to adj electric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:39
S33	226	S31 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:39
S34	23778	high\$1pass adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:39
S35	8	S33 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:39
S36	6	S35 and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:39
S37	43	interference and S32 and S34 and (phase adj (modulator or adjust\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:50

S38	1620	CATV adj signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:54
S39	2834808	transmit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:54
S40	20078	optical adj transmit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:55
S41	20078	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:55
S42	221	S38 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:55
S43	731043	interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:55
S44	174	S42 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:55
S45	173	S44 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:56
S46	169	S45 and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:56
S47	168	S46 and modulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:57
S48	164	S47 and splitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:57
S49	1	S48 and (high\$1pass adj filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:58
S50	3	S48 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 12:58

S53	6788024	photoelectric or (optical to electric) or (O/E) or photodiode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:54
S54	1919046	filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:54
S55	23080	phase near invert\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:54
S56	38993	phase near adjust\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:54
S57	16142	amplitude near adjust\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:55
S58	60	S53 and S54 and S55 and S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:55
S59	16	S58 and interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 15:55
S60	11	("20040135631"   "20050163254"   "6066984"   "6208204"   "6320464"   "6326845"   "6392483"   "6515544"   "6838934"   "7126422"   "7183847").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 16:06
S61	23778	high\$1pass adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 16:36
S62	3	S61 and S53 and S55 and S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 16:37
S63	232	398/187.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:09
S64	152	S63 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:10

S65	144	S64 and transmit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:10
S66	64	S65 and interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:11
S67	128020	FM or (frequency adj modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:16
S68	731043	interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:16
S69	25845	S67 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:16
S70	569962	transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:17
S71	12409	S69 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:17
S72	9064	S71 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:17
S73	506	S71 and ((high \$1bandpass or high \$1pass) adj filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:18
S74	114	S73 and (phase with adjust\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:18
S75	4	S74 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 17:18
S76	19823	(FM or (frequency adj modulation)) near signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:48
S77	173377	(RF or (radio adjfrequency)) near signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:48

S78	57162	optical near transmit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:49
S79	4566	S76 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:49
S80	155	S79 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:49
S81	2	"20070230970"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:49
S82	2	"20070212073"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 18:50
S83	2027	RF same (satellite with broadcast\$3)	US-PGPUB; USPAT	OR	ON	2009/03/04 16:50
S84	29947	optical near transmit\$3	US-PGPUB; USPAT	OR	ON	2009/03/04 16:50
S85	35	S83 and S84	US-PGPUB; USPAT	OR	ON	2009/03/04 16:50
S86	533	(RF near signal) same (satellite with broadcast \$3)	US-PGPUB; USPAT	OR	ON	2009/03/04 16:52
S87	11	S86 and S84	US-PGPUB; USPAT	OR	ON	2009/03/04 16:52
S88	324	(RF near signal) with (satellite with broadcast \$3)	US-PGPUB; USPAT	OR	ON	2009/03/04 16:54
S89	10	S88 and S84	US-PGPUB; USPAT	OR	ON	2009/03/04 16:54
S90	37850	optical near transmit\$4	US-PGPUB; USPAT	OR	ON	2009/03/04 17:37
S91	64	down\$1converting same (electrical near signal)	US-PGPUB; USPAT	OR	ON	2009/03/04 17:38
S92	32	S90 and S91	US-PGPUB; USPAT	OR	ON	2009/03/04 17:38
S93	11	"6005701"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:36
S94	136	"5303393"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 13:47

S95	2	"5303393".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 13:47
S96	9530	harmonic adj distortion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 15:36
S97	517	S96 with (cancel\$4 or remov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 15:36
S98	13	S97 and (optical near transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 15:37
S99	9776	harmonic near distortion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 16:02
S100	551	S99 with (cancel\$4 or remov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 16:02
S101	13	S100 and (optical near transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 16:02
S102	30733	harmonic with (distortion or noise or deform or irregular\$3 or deviation or diversion or difference divergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 14:58
S103	11271	S102 and (optic\$ or light or laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 14:59
S104	3572	S103 and (coupler or splitter or split\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 15:00
S105	565	S104 and ((cancel\$6 or remov\$4 or compensat \$4) same S102)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 15:01
S106	1	S102 and high\$1pass near filter and phase adj inverter and phase adj adjuster and amplitude adj adjuster	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 15:09



S107	346	S104 and ((cancel\$6 or remov\$4 or compensat \$4) with S102)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 15:10
S108	587127	(RF or radio adj frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:21
S109	389182	(RF or radio adj frequency) same (FM or frequency modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:21
S110	30775	harmonic with (distortion or noise or deform or irregular\$3 or deviation or diversion or difference divergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:22
S111	5379	S109 and S110	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:22
S112	1456	S111 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:22
S113	889	S112 and distortion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:22
S114	194	S113 and distortion same compensation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:22
S115	39	S114 and CATV	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:23
S116	11	S115 and feedforward	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:35
S117	268	modulator with feedforward	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:41
S118	13846	harmonic with distortion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:41
S119	29	S117 and S118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:41

S120	2769	(FM or frequency modulation) with harmonic adj distortion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:50
S121	84	S120 and feedforward	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:50
S122	17	S121 and optic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 11:53
S123	321	(extract or remove) with (harmonic adj (distortion or noise or deform or irregular\$3 or deviation or diversion or difference divergence))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:37
S124	155	filter with (extract or remove) with (harmonic adj (distortion or noise or deform or irregular\$3 or deviation or diversion or difference divergence))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:37
S125	13447	satellite near broadcasting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:14
S126	327623	satellite near broadcasting near RF or radio adj frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:14
S127	19	satellite near broadcasting near (RF or radio adj frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:14
S128	62	FM adj batch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:22
S129	9	frequency adj modulat\$4 near batch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:26
S130	9	frequency near modulat \$4 near batch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:26
S131	75	(frequency near modulat \$4 or FM) near batch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:26

S132	3	S131 with RF	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:26
S133	4	S131 same RF	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 18:27

**8/ 27/ 2009 4:07:15 PM**

**H:\ Searches\ 10590055.wsp**